

# Converting Colors

Hex(D05881)

Have a look what the booklet for  
Hex(D05881) contains.

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# Color

**Hex(D05881)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D05881
RGB	208, 88, 129
RGB Percent	82%, 35%, 51%
CMY	0.1843, 0.6549, 0.4941
CMYK	0.00, 0.58, 0.38, 0.18
HSL	340°, 56%, 58%
HSV	340°, 58%, 82%
XYZ	33.4646, 21.9743, 23.2466
YIQ	128.5540, 58.3590, 38.1910

# Conversions

## Conversions Part 2

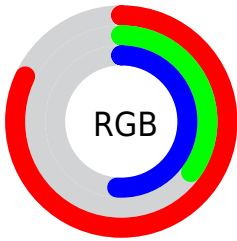
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 88, 129
Decimal	13654145
CIE <sub>Lab</sub>	54.00, 51.34, 1.15
CIE <sub>LCh</sub>	54, 51.353, 1.288
Yxy	21.9743, 0.4253, 0.2793
Android (android.graphics.Color)	4291844225 (0xFFD05881)
YUV	128.5540, 0.2199, 69.6741
Hunter-Lab	46.8768, 45.3940, 3.4114

# Details

The Hex color **D05881** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **58D0A7**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8EB6**, and **961F50** is the 20% darker color. If you saturate the color by 10%, you get **D04373**, and if you desaturate by 10%, it is **D06D8F**.

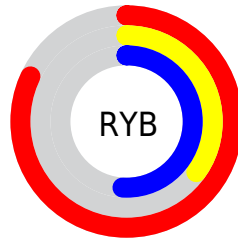
# Distribution



Red (82%)

Green (35%)

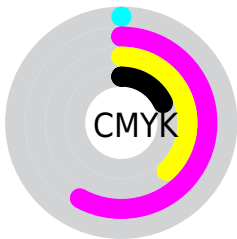
Blue (51%)



Red (82%)

Yellow (35%)

Blue (51%)

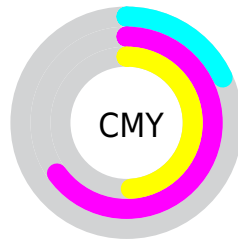


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (18%)



Cyan (18%)

Magenta (65%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D05881 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D05881 by changing the saturation by 10% instead.



 D05881

 D05881

FFFFFF

 B33D68

 FF8EB6

 961F50

 FFAAD1

 790039

 FFC7EE

 5D0024

 FFE3FF

 43000E

 270001

 000000

 D05881

 D05881

 D04373

 D06D8F

 D02E66

 D0829C

 D01A58

 D096AA

 D0054A

 D0ABB8

 D00047

 D0C0C5

 D0D5D3

 D0EAE1

 D0FEEF

 D0FFFC

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B862AC



D05881



CF5E56

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D05881



6A8C30



0091CE

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D05881



58D0A7

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0096AE



D05881



259354

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D05881



977F20



009682



0485DA

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D05881



C3693D



009682



0093C5



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D05881



FFD4E2



A658D0



80666F



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D05881



FF4F8B



D06A58



695E62



A8003A



29000E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D05881



FF4F8B



58BED0



695E62



A8003A



29000E



# Previews

## White Background



This preview shows how the Hex color D05881 looks on a white background.

## Color Contrast Check

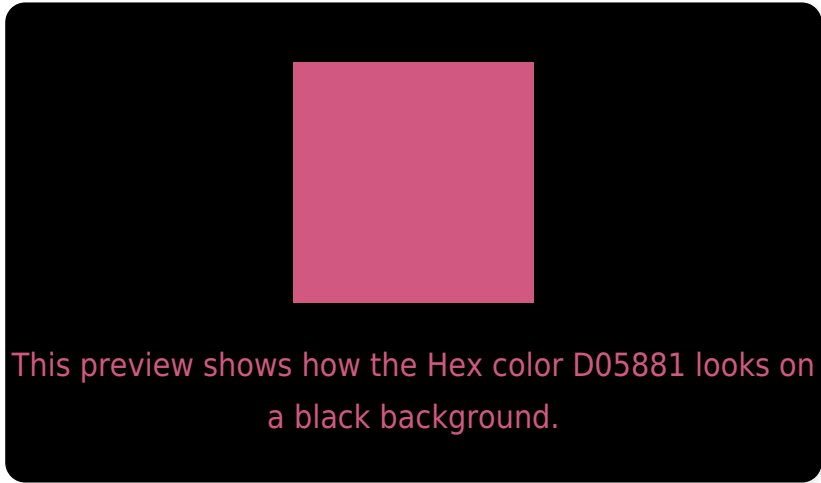
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D05881 Background



This preview shows how black text looks on a background with the Hex color D05881.

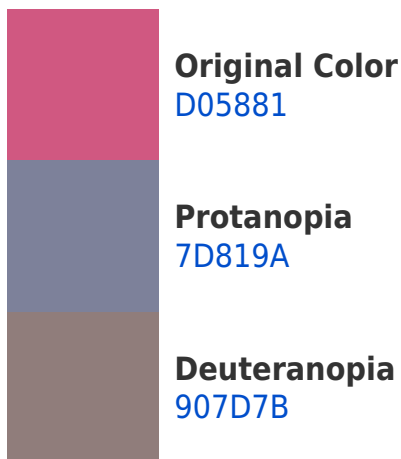


This preview shows how white text looks on a background with the Hex color D05881.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
D05881



**Protanomaly**  
9B7291



**Deuteranomaly**  
A7707D

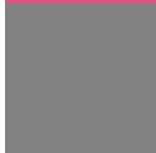


**Tritanomaly**  
CF5C6F

# Monochromacy



**Original Color**  
D05881



**Achromatopsia**  
818181



**Achromatomaly**  
9E7281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D05881 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D05881 looks like.

```
.text, #text, p{  
    color:#D05881  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D05881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D05881
}
```

## Border

The CSS property to change the border of an element to Hex D05881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D05881 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D05881 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D05881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D05881; -webkit-box-shadow:4px 4px  
4px 4px #D05881; box-shadow:4px 4px 4px  
4px #D05881 }
```

# Background

The CSS property to change the background color of an element to Hex D05881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D05881 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D05881 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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